

In the Claims

Please amend the claims as follows:

1. (Currently Amended) A method of processing user interaction in a medical environment with a medical image for producing measurement data related to graphics on the medical image, ~~wherein the graphics on the medical image comprises at least one graphic object, said the method comprising: the step of~~

~~removably attaching at least one a dynamic measurement object based on said measurement data to said a first graphic object displayed on a monitor, the dynamic measurement object including measurement data related to the first graphic object;~~

~~detaching, via a user interface device, the dynamic measurement object from the first graphic object; and~~

~~attaching, via the user interface device, the dynamic measurement object to a second graphic object displayed on the monitor, wherein the measurement data is modified to be related to the second graphic object.~~

2. (Currently Amended) The method according to claim 1, wherein the user interface device interaction is cursor controlled and the medical image and first and second graphic object is displayed on the monitor of a medical examination apparatus.

3. (Currently Amended) The method according to claim 1, wherein ~~said the first and second graphic objects are being~~ associated with at least one anatomical structural element of medical objects on said medical image.

4. (Currently Amended) The method according to claim 1, wherein the measurement data is derived from ~~said the first and second~~ graphic objects.

5. (Currently Amended) The method according to claim 4, wherein the first and second graphic objects are a point, a line, a curve, two intersecting lines, or a contour.
6. (Currently Amended) The method according to claim 4, wherein the measurement data that is ~~extracted~~ derived from the first and second graphic objects is a line length, a curve length, an angle delimited by two intersecting lines, an area delimited by a contour or a profile along a line or a curve, a diameter, a perimeter, an area, a volume, or grey value profiles.
7. (Cancelled)
8. (Cancelled)
9. (Currently amended) The method according to claim 1, wherein the attaching the comprising smartly docking the dynamic measurement object to the first and second graphic objects, further comprises determining a nearest one of a set of the first and second graphic objects supporting a specific measurement associated with the dynamic measurement object.
10. (Cancelled)
11. (Cancelled)
12. (Currently Amended) A medical examination apparatus (100) being arranged for implementing the method of claim 1, said apparatus comprising cursor display means (101) and user interaction means (102) for a medical image (104) displayed on a graphics display means (103) for displaying measurement data (105) related to graphics objects on said image (104), cursor actuating means (106) with detection means (107) for detecting positionings and actuations thereof, and measurement means (108) for thereupon driving control of inherent

measuring functionalities as being immediately based on graphics objects relative to the actuated position with respect to graphics objects having associated imaged medical objects.

13. (Previously presented) Use of a medical examination apparatus according to claim 1 for processing user interaction in a medical environment with a medical image for producing measurement data related to graphics on the medical image, wherein the graphics on said medical image comprises at least one graphic objects, comprising removably attaching at least one dynamic measurement object to said graphic object in such a manner that the measurement object when attached to said graphic object is, upon further user interaction, removable from said graphic object, transferable along said graphic object or to another position adjacent to said graphic object, or transferable to different graphic objects on said medical image.

14. (Original) A computer-readable medium (110) having embodied thereon a computer program for processing by a computer (113) of a medical examination apparatus, the computer program comprising code segments for performing the method of claim 1, wherein the computer program comprises

a first code segment (111) for processing user interaction in a medical environment with a medical image for producing measurement data related to graphics on the medical image, wherein the medical image comprises at least one graphic object, and

a second code segment (112) for removably attaching at least one dynamic measurement object based on said measurement data to said graphic object.

15. (Currently Amended) The method according to claim [7] 1, wherein the first and second graphic[s] objects include [is] two intersecting lines and the dynamic measurement object attached is the angle enclosed in a first quadrant between the two intersecting lines, the measurement data being an angle between the two intersecting lines in the first quadrant, the dynamic measurement object then being detached from the first quadrant and attached in a

second quadrant between the two intersecting lines, the measurement data being a further angle between the two intersecting lines in the second quadrant.

16. (Currently Amended) The method according to claim [7] 1, wherein the first and second graphic[s] objects are ~~is a~~ contour curves.

17. (Currently Amended) The method according to claim 16, wherein the measurement data included in the dynamic measurement object is [the] a length of the contour curves.

18. (Currently Amended) The method according to claim 16, wherein the measurement data included in the dynamic measurement object is [the] a length of a line between a first point on the contour curve and a second point on the contour curves.

19. (Cancelled)